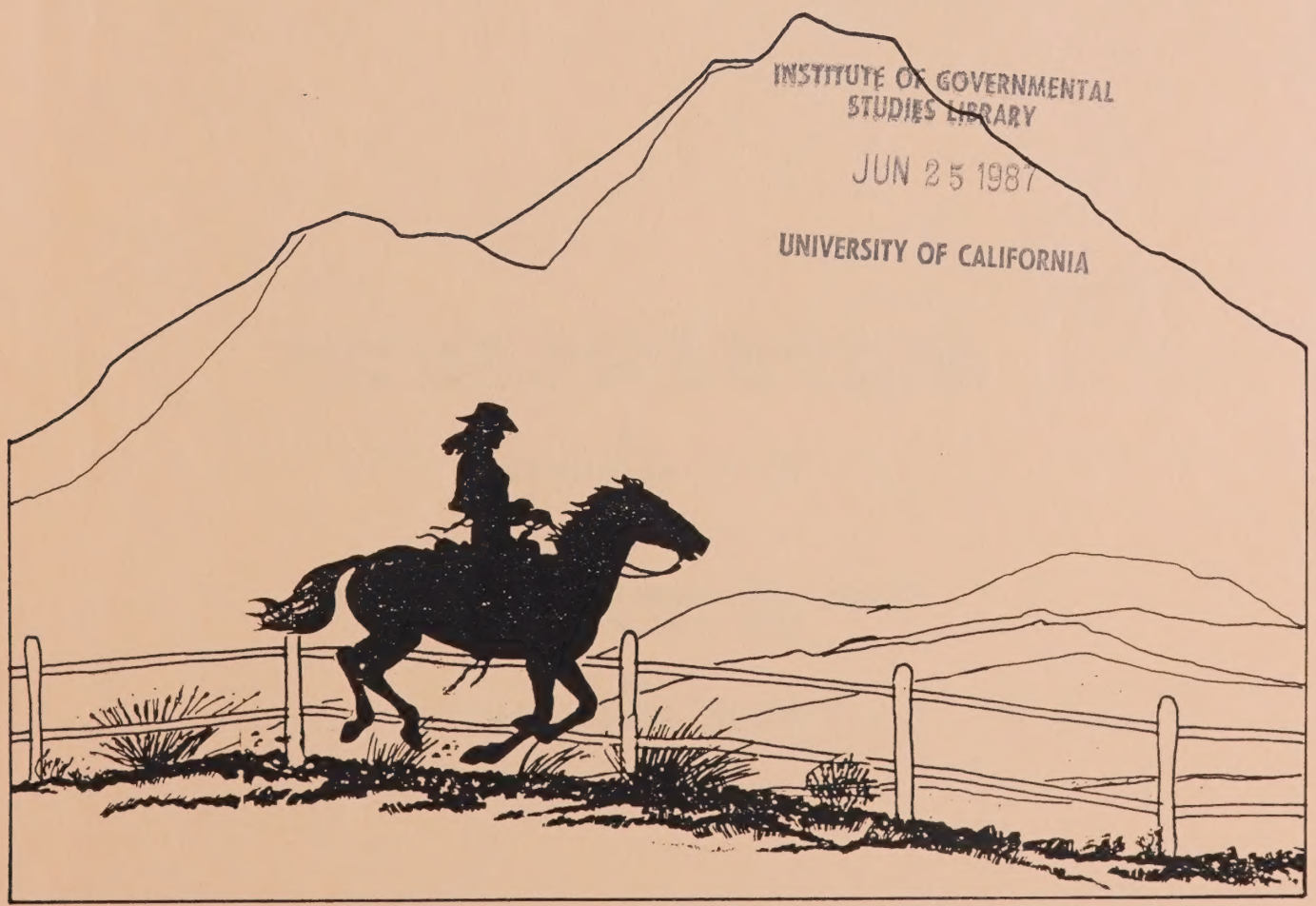
EQUESTRIAN

TRAIL GUIDELINES



CITY OF RANCHO CUCAMONGA

EQUESTRIAN TRAIL GUIDELINES

FOR THE

CITY OF RANCHO CUCUAMONGA

Recommended for Adoption by Rancho Cucamonga
Planning Commission this 8th day of June, 1983

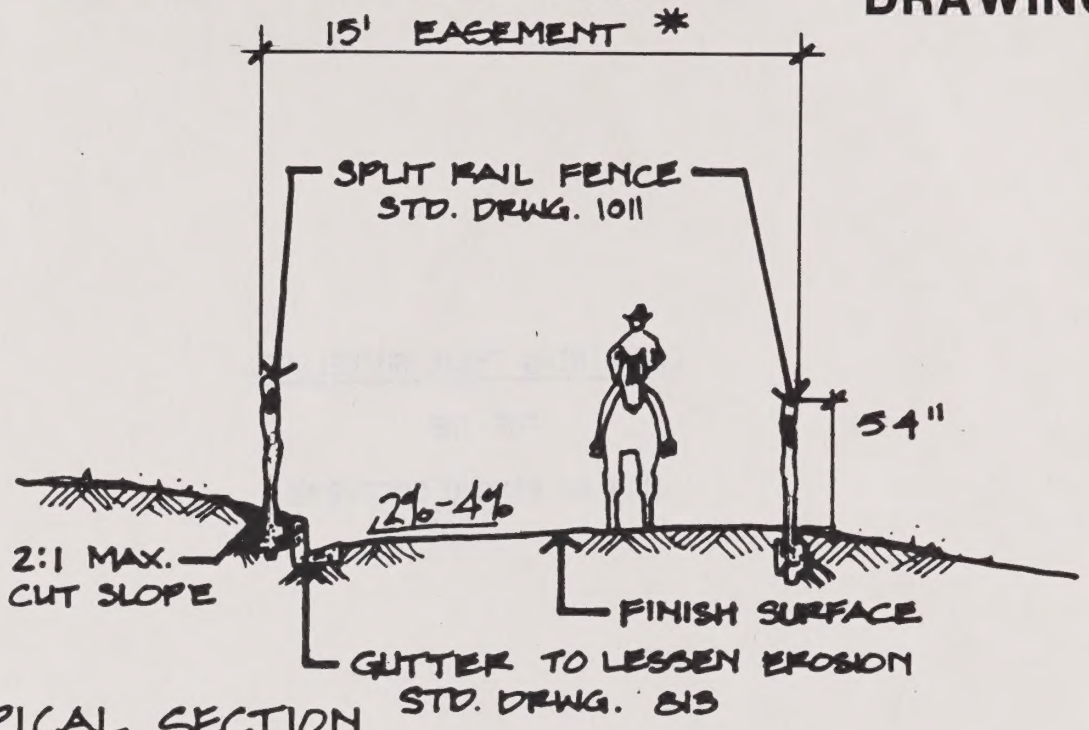
By
Resolution No. 81-53A

Adopted by Rancho Cucamonga City Council
This 6th day of July, 1983

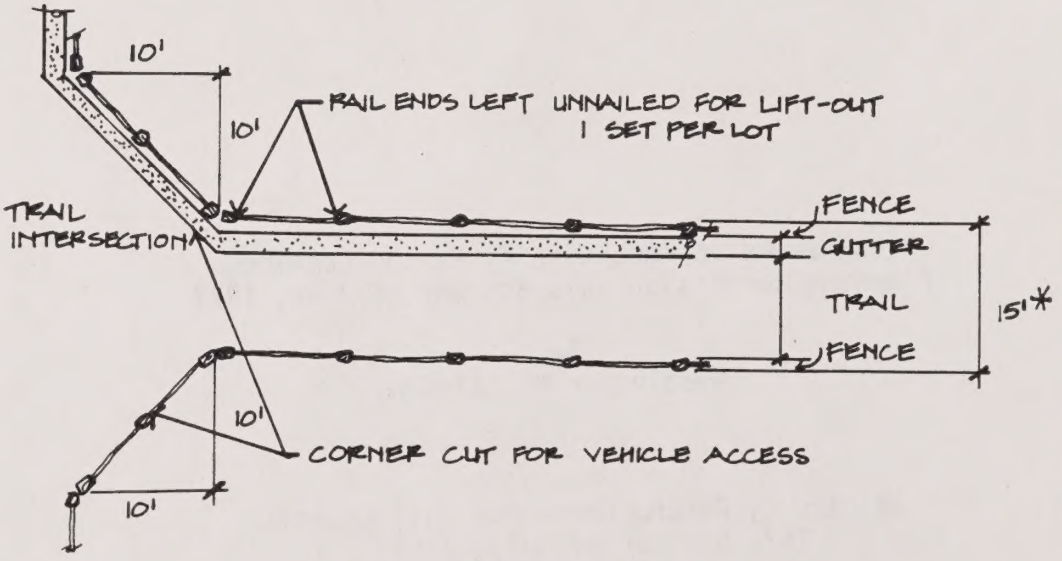
By
Resolution No. 81-93A

city of rancho cucamonga

STANDARD DRAWING



TYPICAL SECTION



TYPICAL PLAN

*10' MAY BE ACCEPTABLE AT TRACT BOUNDARIES ADJACENT TO UNDEVELOPED RESIDENTIAL LAND.

NOTE:

FOR GRADING, DRAINAGE, SURFACE AND OTHER SPECIFICATIONS, SEE THE OTHER SIDE OF THIS SHEET.

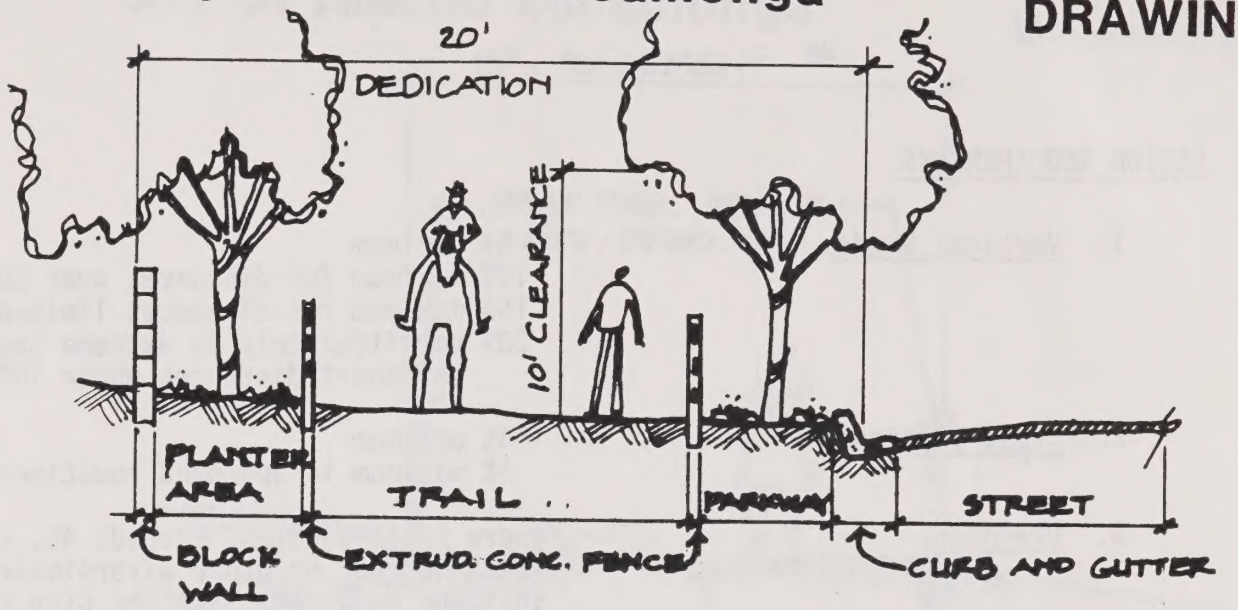
Lloyd Hubbs 7-7-83 city engineer r.c.e. 23889 date	**LOCAL FEEDER TRAIL**	**1001**

DESIGN REQUIREMENTS

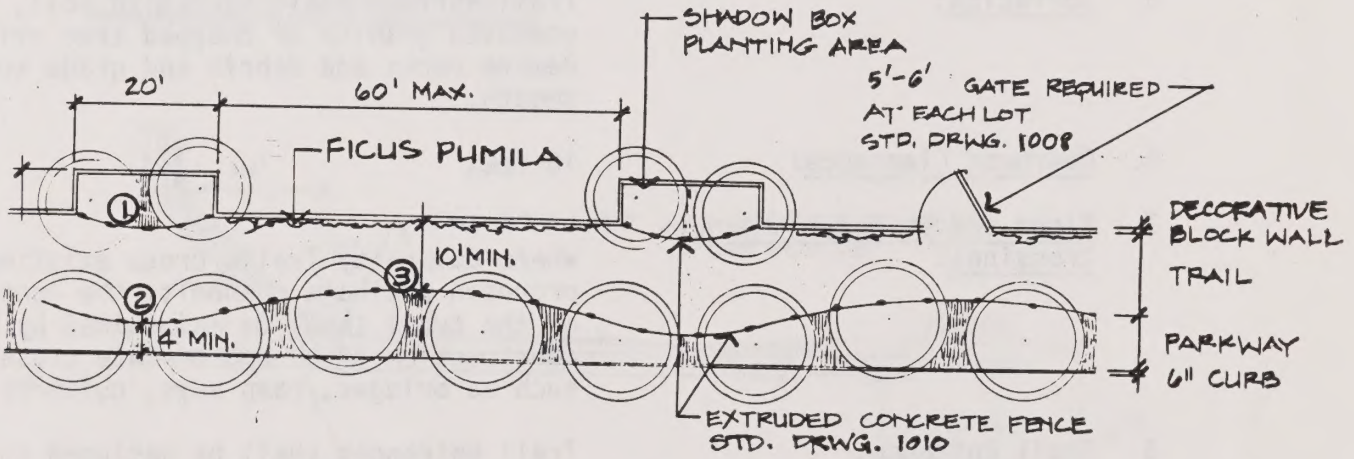
1.	Vertical Grade:	0-5% optimum 10% maximum for distances over 500' 15% maximum for distances limited to 500' 20% permitted only in extreme cases and for short distances under 100'
2.	Cross Section:	2-4% optimum 6% maximum in approved locations only
3.	Drainage:	Where trail gradient exceeds 4%, water bars, splash curbs, or other diversionary devices shall be required. See the City Equestrian Trails and Drainage Standard 813.
4.	Side Slope Cuts and Fill:	2:1 maximum
5.	Surfacing:	Trail surface shall be native soil, decomposed granite or chopped tree trimmings. Remove rocks and debris and grade surface smooth.
6.	Overhead Clearance:	10 feet
7.	Flood and Drainage Channel Crossings:	Where Community Trails cross existing or proposed drainage channels, the continuity of the trail shall be maintained by the construction of an appropriate crossing such as bridges, ramp ways, culverts, etc.
8.	Trail Entrance:	Trail entrances shall be designed to provide for equestrian, bicycling, and hiking use and discourage motor vehicles access (See Resolution 81-93), except Local Feeder Trails shall provide one means of unobstructed vehicular access for service vehicles.
9.	Street and Driveway Crossings:	Crossings shall be at grade with appropriate street striping and signing. For equestrian use, texturized paving is desirable in order to prevent horses from slipping.

city of rancho cucamonga

STANDARD DRAWING



TYPICAL SECTION : WIDTH OF PLANTER AREA, TRAIL, AND PARKWAY VARIES. SEE PLAN VIEW.



PLAN VIEW

PARKWAY WIDTH	TRAIL WIDTH	RADII		
		1	2	3
20'	10'	25'	40'	100'

NOTES:

1. EACH SHADOW BOX SHALL BE PLANTED WITH 2 DROUGHT TOLERANT TREES.
2. ALL PLANTED AREAS SHALL BE PLANTED WITH ARCTOTHECA CALENDULA (CAPE WEED) 18" O.C.
3. THE BLOCK WALL SHALL BE PLANTED WITH CREEPING FIG (FICUS PUMILA) 20' O.C.
4. STREET TREES SHALL BE 20' O.C.
5. NO TOXIC PLANTS ARE PERMITTED.

FOR GRADING, DRAINAGE, SURFACE, AND OTHER SPECIFICATIONS, SEE THE OTHER SIDE OF THIS SHEET.

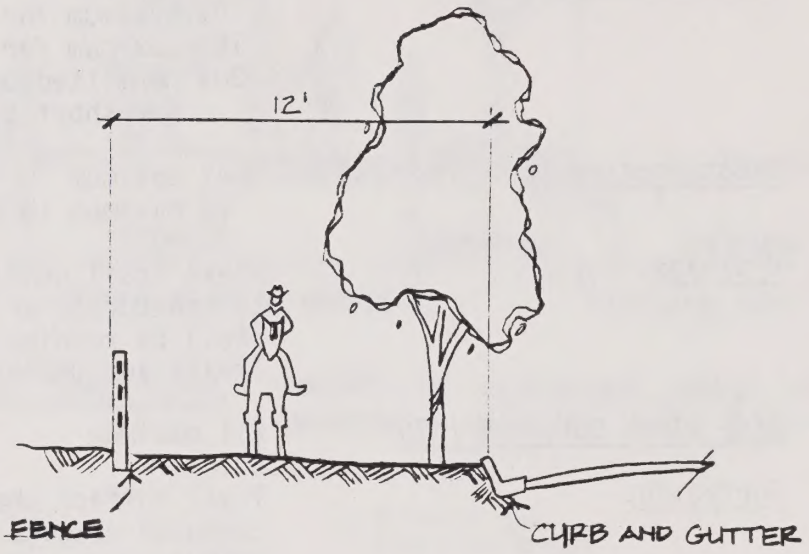
Floyd Hobbs 7-7-83 city engineer r.c.e. 23889 date	**COMMUNITY TRAIL: PARKWAY 20'**	**1002**

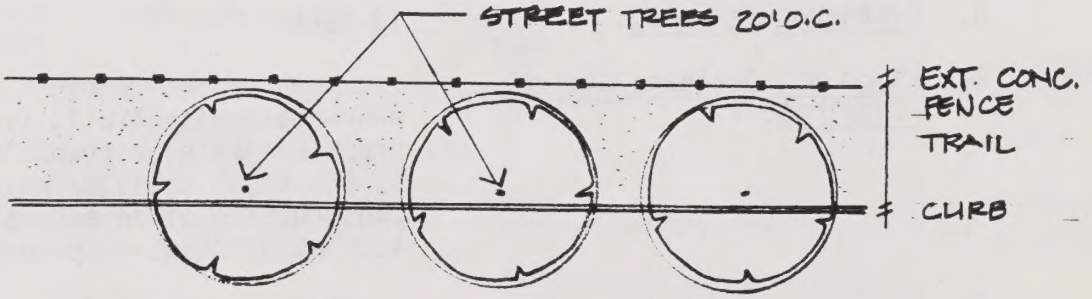
DESIGN REQUIREMENTS

1. Vertical Grade:	0-5% optimum 10% maximum for distances over 500' 15% maximum for distances limited to 500' 20% permitted only in extreme cases and for short distances under 100'
2. Cross Section:	2-4% optimum 6% maximum in approved locations only
3. Drainage:	Where trail gradient exceeds 4%, water bars, splash curbs, or other diversionary devices shall be required. See the City Equestrian Trails and Drainage Standard 813.
4. Side Slope Cuts and Fill:	2:1 maximum
5. Surfacing:	Trail surface shall be native soil, decomposed granite or chopped tree trimmings. Remove rocks and debris and grade surface smooth.
6. Overhead Clearance:	10 feet
7. Flood and Drainage Channel Crossings:	Where Community Trails cross existing or proposed drainage channels, the continuity of the trail shall be maintained by the construction of an appropriate crossing such as bridges, ramp ways, culverts, etc.
8. Trail Entrance:	Trail entrances shall be designed to provide for equestrian, bicycling, and hiking use and discourage motor vehicles access (See Resolution 81-93), except Local Feeder Trails shall provide one means of unobstructed vehicular access for service vehicles.
9. Street Crossings:	Crossings shall be at grade with appropriate street striping and signing. For equestrian use, texturized paving is desirable in order to prevent horses from slipping.

city of rancho cucamonga

STANDARD DRAWING





NOTES:

FOR GRADING, DRAINAGE, SURFACE, AND OTHER SPECIFICATIONS, SEE OTHER SIDE OF THIS SHEET.

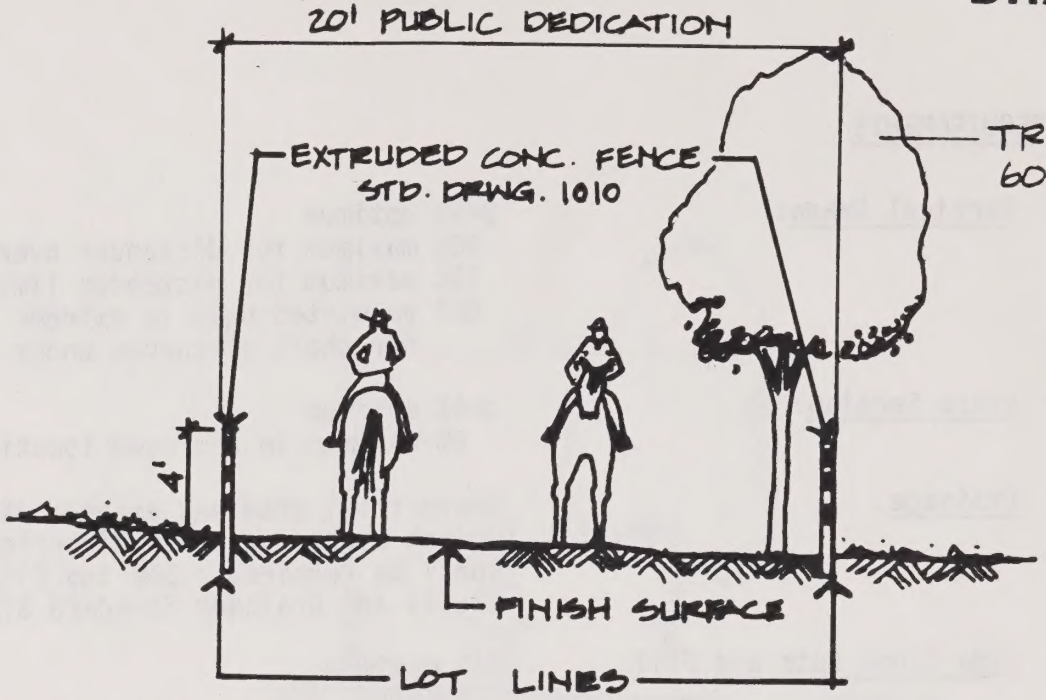
Floyd Hubbs 7-7-83 city engineer r.c.e. 23889 date	**COMMUNITY TRAIL: PARKWAY 12'**	**1003**

DESIGN REQUIREMENTS

1.	Vertical Grade:	0-5% optimum 10% maximum for distances over 500' 15% maximum for distances limited to 500' 20% permitted only in extreme cases and for short distances under 100'
2.	Cross Section:	2-4% optimum 6% maximum in approved locations only
3.	Drainage:	Where trail gradient exceeds 4%, water bars, splash curbs, or other diversionary devices shall be required. See the City Equestrian Trails and Drainage Standard 813.
4.	Side Slope Cuts and Fill:	2:1 maximum
5.	Surfacing:	Trail surface shall be native soil, decomposed granite or chopped tree trimmings. Remove rocks and debris and grade surface smooth.
6.	Overhead Clearance:	10 feet
7.	Flood and Drainage Channel Crossings:	Where Community Trails cross existing or proposed drainage channels, the continuity of the trail shall be maintained by the construction of an appropriate crossing such as bridges, ramp ways, culverts, etc.
8.	Trail Entrance:	Trail entrances shall be designed to provide for equestrian, bicycling, and hiking use and discourage motor vehicles access (See Resolution 81-93), except Local Feeder Trails shall provide one means of unobstructed vehicular access for service vehicles.
9.	Street Crossings:	Crossings shall be at grade with appropriate street striping and signing. For equestrian use, texturized paving is desirable in order to prevent horses from slipping.

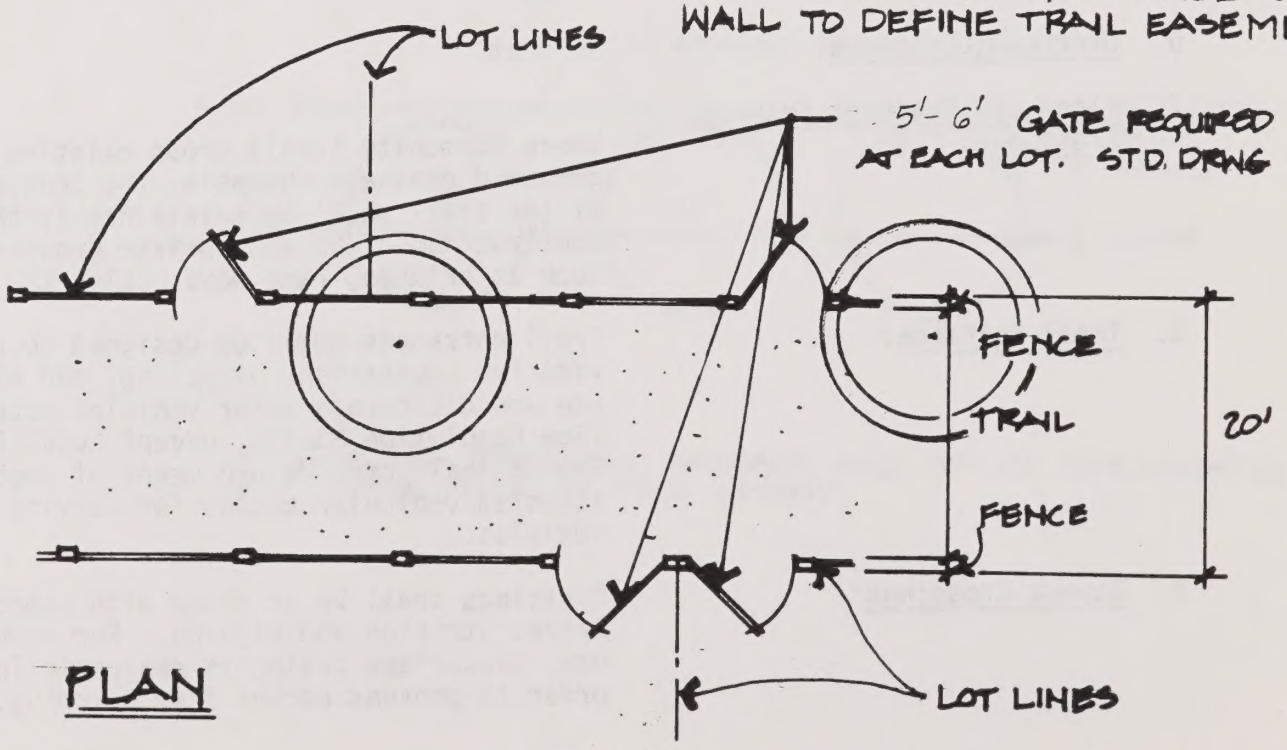
city of rancho cucamonga

STANDARD DRAWING



TYPICAL SECTION

NOTE:
HOMEOWNER OR DEVELOPER CAN INSTALL ALTERNATE FENCE OR WALL TO DEFINE TRAIL EASEMENT.



PLAN

NOTE:
FOR GRADING, DRAINAGE, SURFACE AND OTHER SPECIFICATIONS, SEE THE OTHER SIDE OF THIS SHEET.

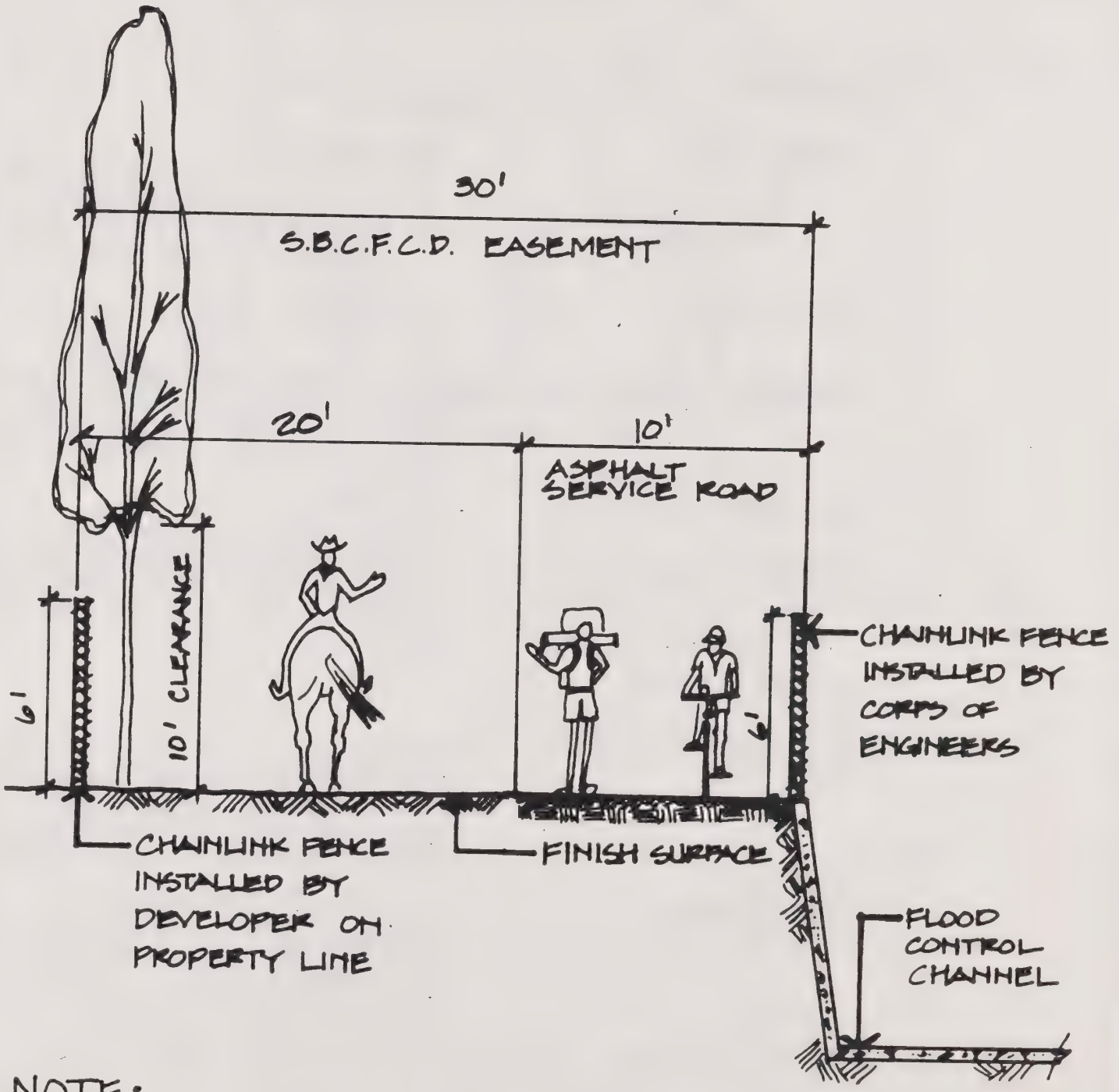
Lloyd Dubbs 7-7-83 city engineer r.c.e. 23889 date	**COMMUNITY TRAIL: INTERIOR**	**1004**

DESIGN REQUIREMENTS

1. Vertical Grade:	0-5% optimum 10% maximum for distances over 500' 15% maximum for distances limited to 500' 20% permitted only in extreme cases and for short distances under 100'
2. Cross Section:	2-4% optimum 6% maximum in approved locations only
3. Drainage:	Where trail gradient exceeds 4%, water bars, splash curbs, or other diversionary devices shall be required. See the City Equestrian Trails and Drainage Standard 813.
4. Side Slope Cuts and Fill:	2:1 maximum
5. Surfacing:	Trail surface shall be native soil, decomposed granite or chopped tree trimmings. Remove rocks and debris and grade surface smooth.
6. Overhead Clearance:	10 feet
7. Flood and Drainage Channel Crossings:	Where Community Trails cross existing or proposed drainage channels, the continuity of the trail shall be maintained by the construction of an appropriate crossing such as bridges, ramp ways, culverts, etc.
8. Trail Entrance:	Trail entrances shall be designed to provide for equestrian, bicycling, and hiking use and discourage motor vehicles access (See Resolution 81-93), except Local Feeder Trails shall provide one means of unobstructed vehicular access for service vehicles.
9. Street Crossings:	Crossings shall be at grade with appropriate street striping and signing. For equestrian use, texturized paving is desirable in order to prevent horses from slipping.

city of rancho cucamonga

STANDARD DRAWING



NOTE:

FOR GRADING, DRAINAGE, SURFACING AND CLEARANCE SPECIFICATIONS, SEE THE OTHER SIDE OF THIS SHEET.

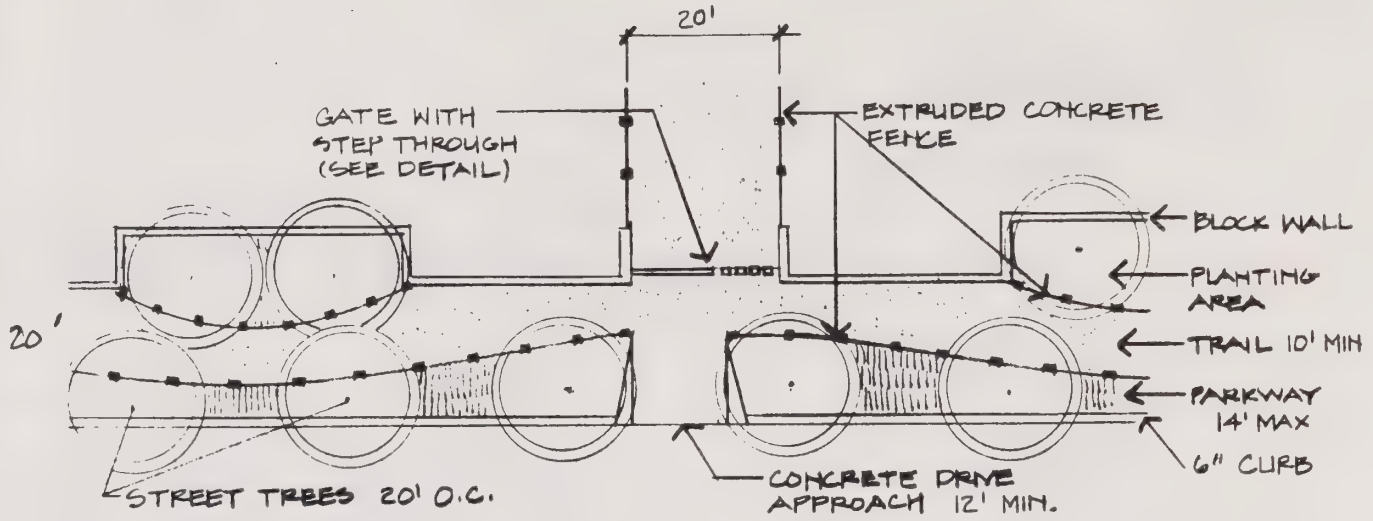
Lloyd Hubler 7-7-83 city engineer r.c.e. 23889 date	**REGIONAL TRAIL**	**1005**

DESIGN REQUIREMENTS

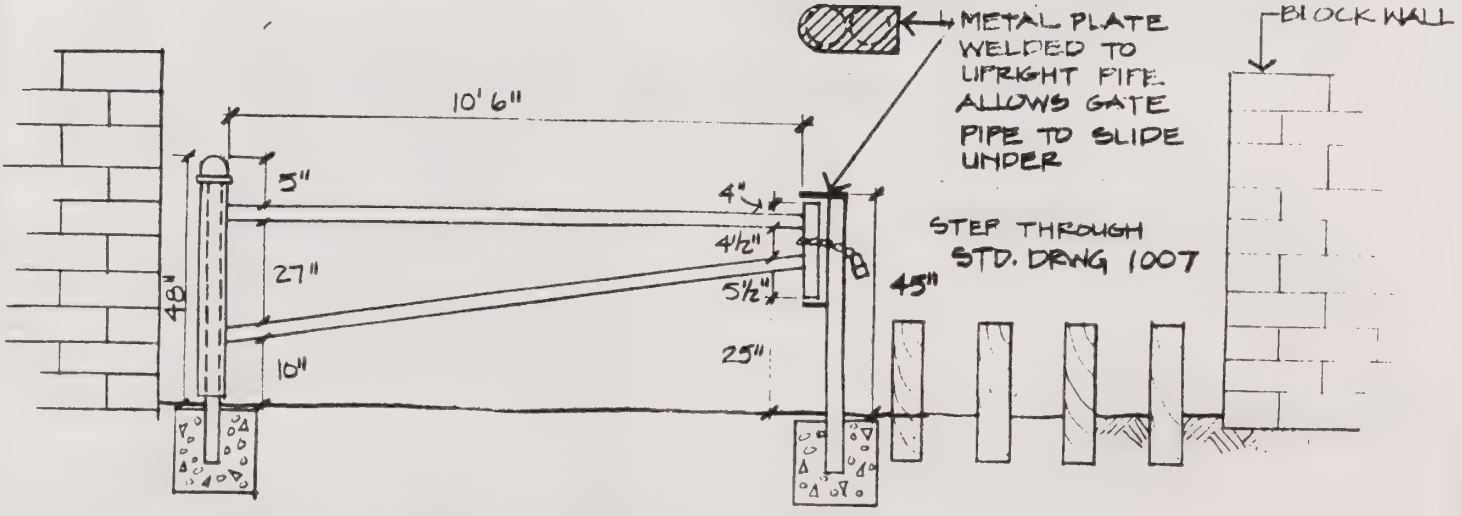
1.	Vertical Grade:	0-5% optimum 10% maximum for distances over 500' 15% maximum for distances limited to 500' 20% permitted only in extreme cases and for short distances under 100'
2.	Cross Section:	2-4% optimum 6% maximum in approved locations only
3.	Drainage:	Where trail gradient exceeds 4%, water bars, splash curbs, or other diversionary devices shall be required. See the City Equestrian Trails and Drainage Standard 813.
4.	Side Slope Cuts and Fill:	2:1 maximum
5.	Surfacing:	Trail surface shall be native soil, decomposed granite or chopped tree trimmings. Remove rocks and debris and grade surface smooth.
6.	Overhead Clearance:	10 feet
7.	Flood and Drainage Channel Crossings:	Where Community Trails cross existing or proposed drainage channels, the continuity of the trail shall be maintained by the construction of an appropriate crossing such as bridges, ramp ways, culverts, etc.
8.	Trail Entrance:	Trail entrances shall be designed to provide for equestrian, bicycling, and hiking use and discourage motor vehicles access (See Resolution 81-93), except Local Feeder Trails shall provide one means of unobstructed vehicular access for service vehicles.
9.	Street Crossings:	Crossings shall be at grade with appropriate street striping and signing. For equestrian use, texturized paving is desirable in order to prevent horses from slipping.

city of rancho cucamonga

STANDARD DRAWING



PLAN VIEW



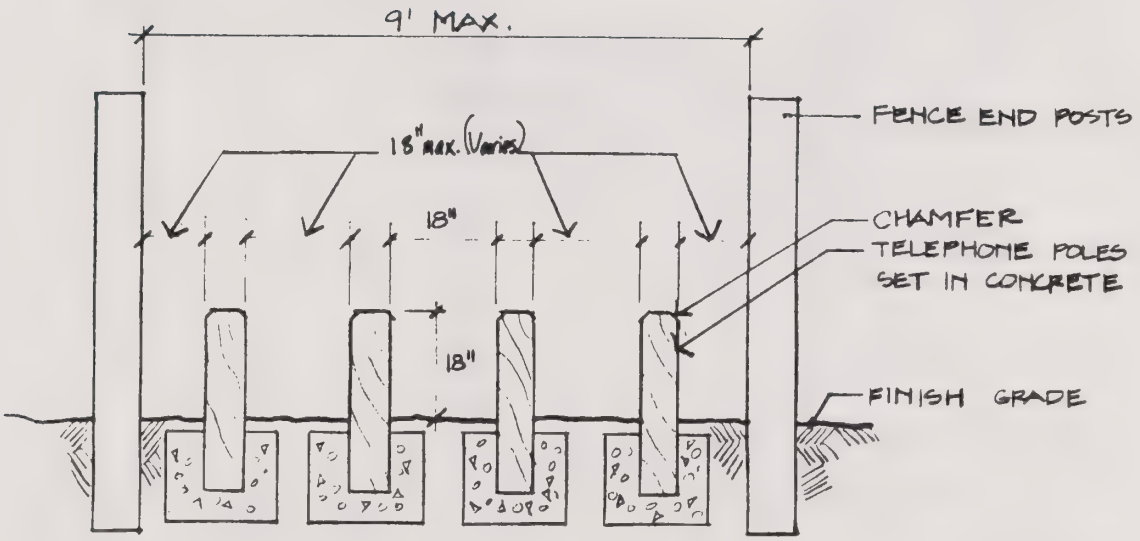
GATE CONSTRUCTED OF 2½ STANDARD STEEL MEMBERS. HINGE CREATED BY WELDING CROSS MEMBERS TO A 3" STANDARD STEEL PIPE SLEEVE W/ CAP SLIPPED OVER 2½" UPRIGHT.

DETAIL: GATE WITH STEP THROUGH

city engineer r.c.e. 23889 date 7-7-83	**COMMUNITY TRAIL:** **VEHICLE GATE WITH SIDE ACCESS**	**1006**

city of rancho cucamonga

STANDARD DRAWING



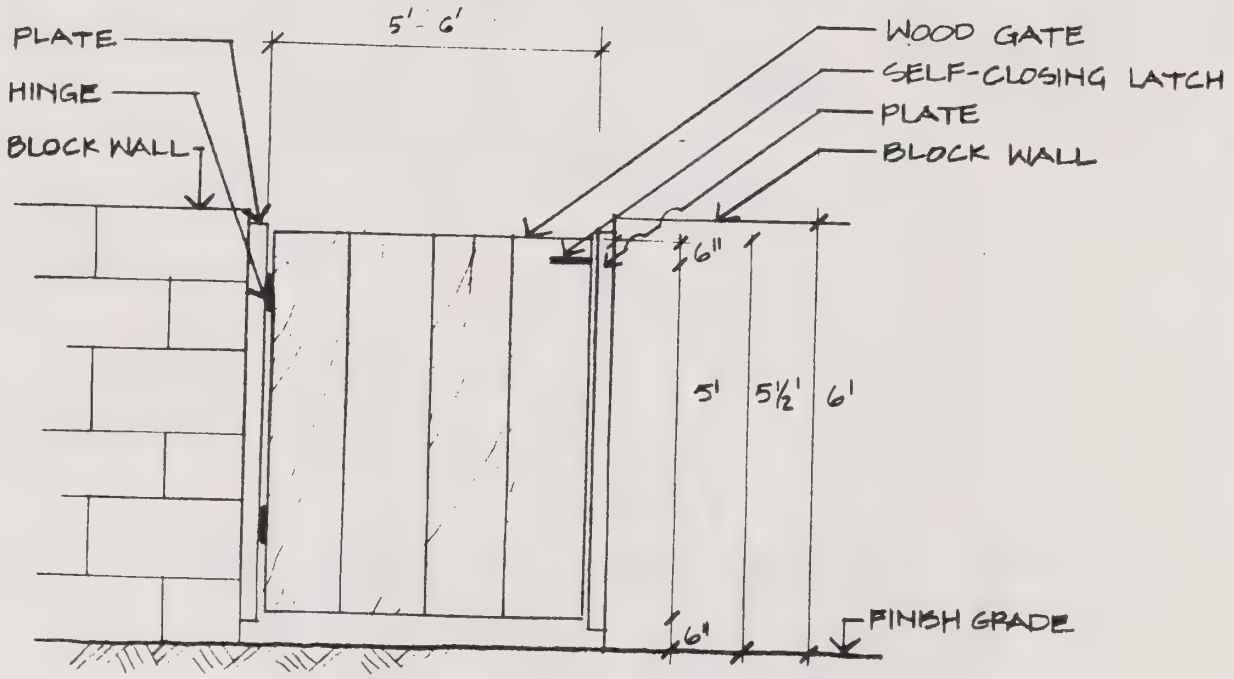
Lloyd Dabbs 7-7-83
city engineer r.c.e. 23889 date

STEP-THROUGH DETAIL

1007

city of rancho cucamonga

STANDARD DRAWING



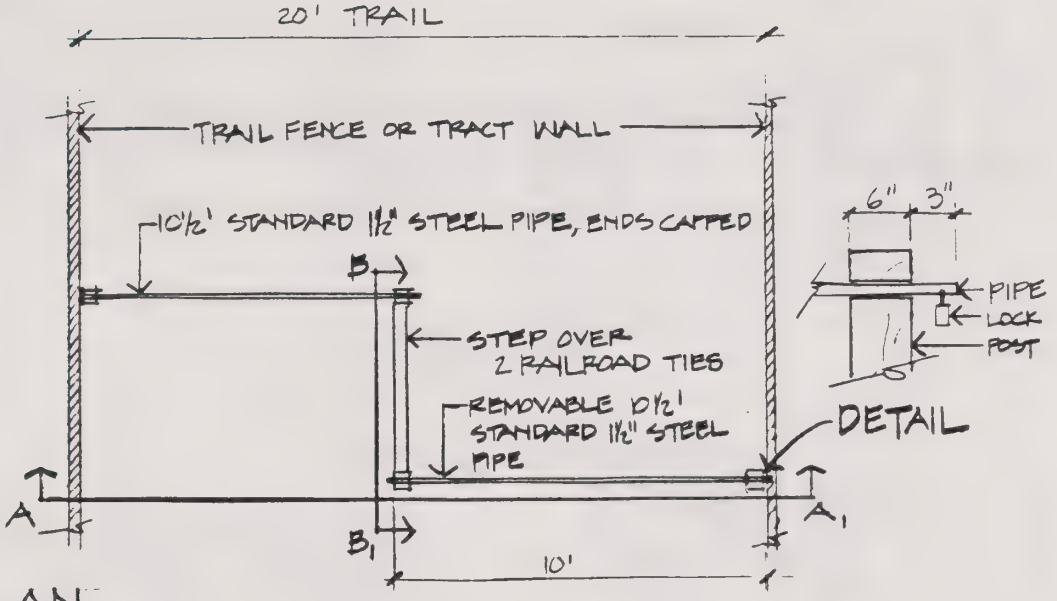
NOTES:

1. THE GATE SHALL BE A SOLID WOOD SELF-CLOSING GATE TO BE APPROVED BY THE PLANNING DIVISION.
2. MATERIALS SHALL BE WESTERN RED CEDAR OR PRESSURE TREATED DOUGLAS FIR.
3. ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED METAL.

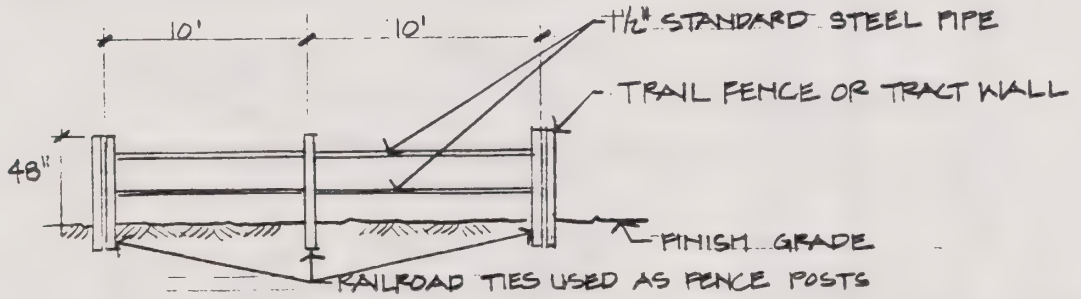
Lloyd Hubbs 7-7-83 city engineer r.c.e. 23889 date	**GATE: COMMUNITY PARKWAY TRAILS**	**1008**

city of rancho cucamonga

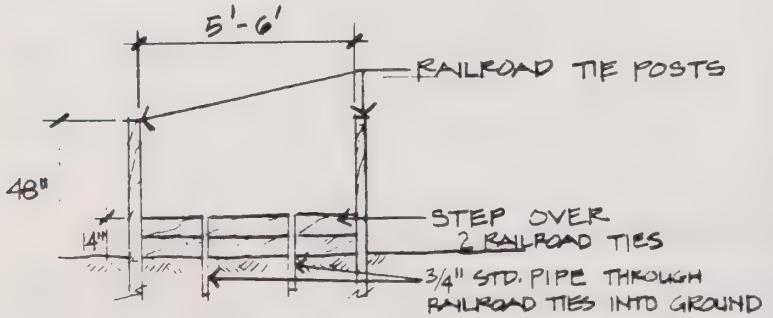
STANDARD DRAWING



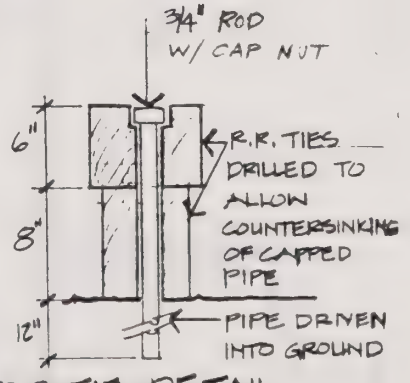
PLAN



SECTION A-A1



SECTION B-B1



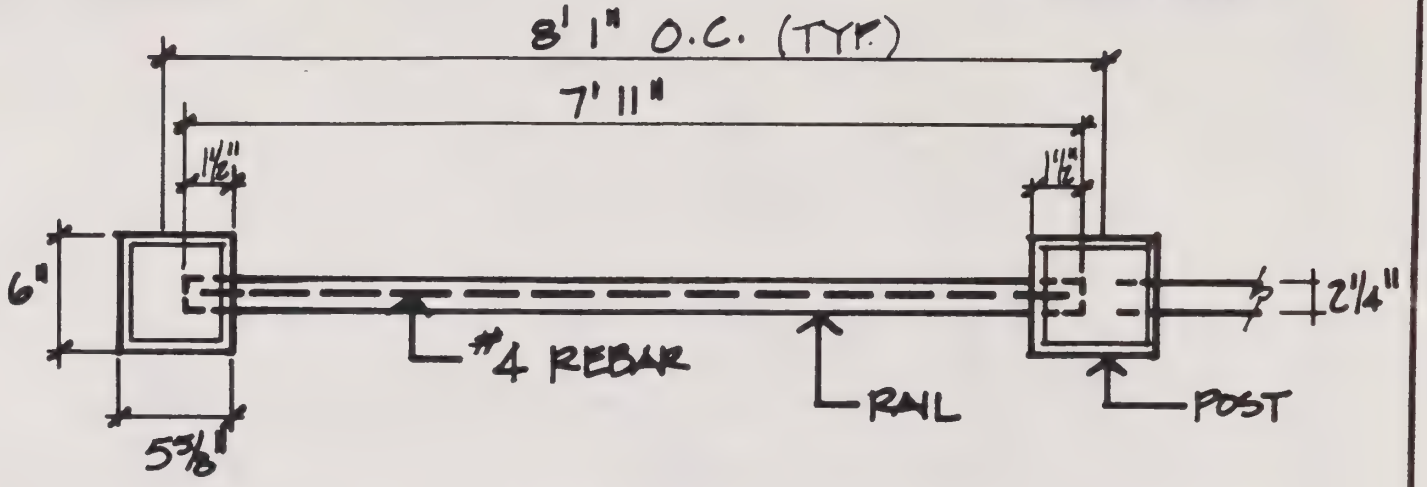
R.R. TIE DETAIL

NOTE:
THIS BARRIER MAY BE USED WITH A STEP-THROUGH (STD. DRWG 1007).

Lloyd Hubbs 7-7-83 city engineer r.c.e. 23889 date	**BARRIER WITH STEP-OVER**	**1009**

city of rancho cucamonga

STANDARD DRAWING



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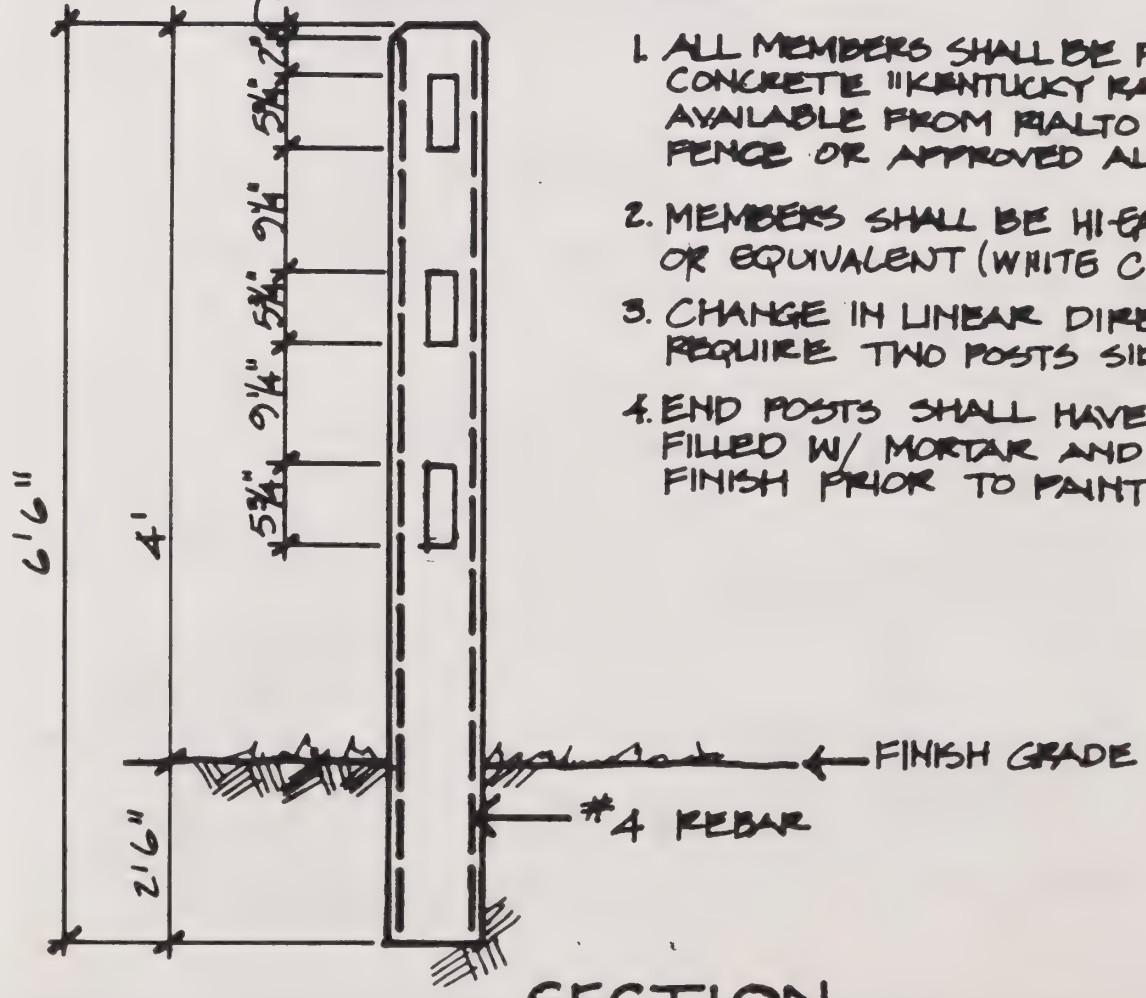


SECTION

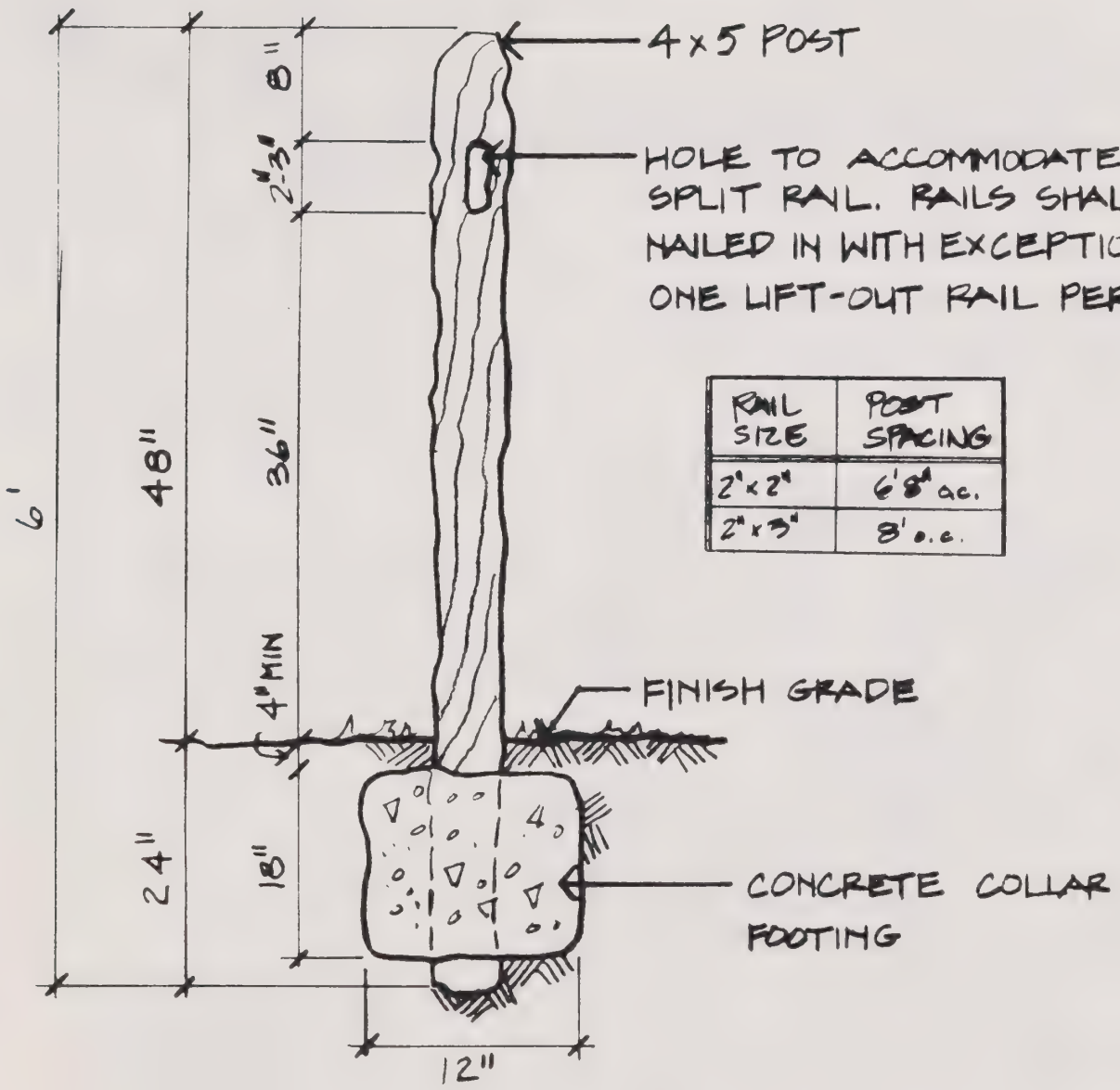
NOTES:

1. ALL MEMBERS SHALL BE PRECAST CONCRETE "KENTUCKY RAIL" FENCE AVAILABLE FROM RIALTO CONCRETE FENCE OR APPROVED ALTERNATE.
2. MEMBERS SHALL BE HI-EARLY CONCRETE OR EQUIVALENT (WHITE COLOR).
3. CHANGE IN LINEAR DIRECTION SHALL REQUIRE TWO POSTS SIDE BY SIDE.
4. END POSTS SHALL HAVE OPEN SLOTS FILLED W/ MORTAR AND TEXTURE FINISH PRIOR TO PAINTING.

Lloyd Hubbs 7783 city engineer r.c.e. 23889 date	**EXTRUDED CONCRETE FENCE: COMMUNITY TRAIL**	**1010**

city of rancho cucamonga

STANDARD DRAWING



RAIL SIZE	POST SPACING
2" x 2"	6'8" oc.
2" x 3"	8' o.c.

NOTE:

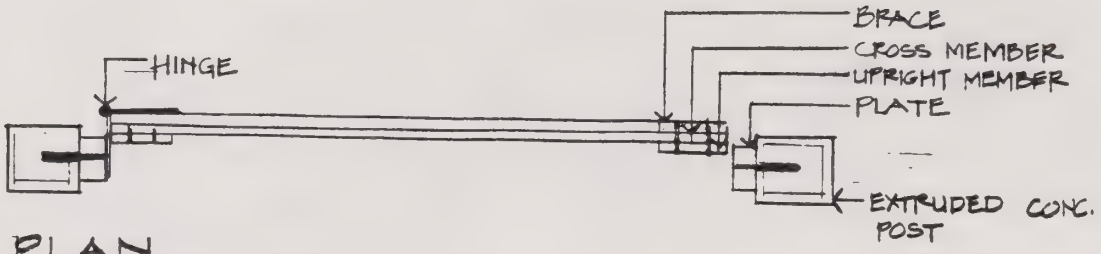
ALL POSTS AND RAILS SHALL BE WESTERN RED CEDAR.

HOMEOWNER OR DEVELOPER CAN INSTALL AN ALTERNATE FENCE TO DEFINE TRAIL EASEMENT.

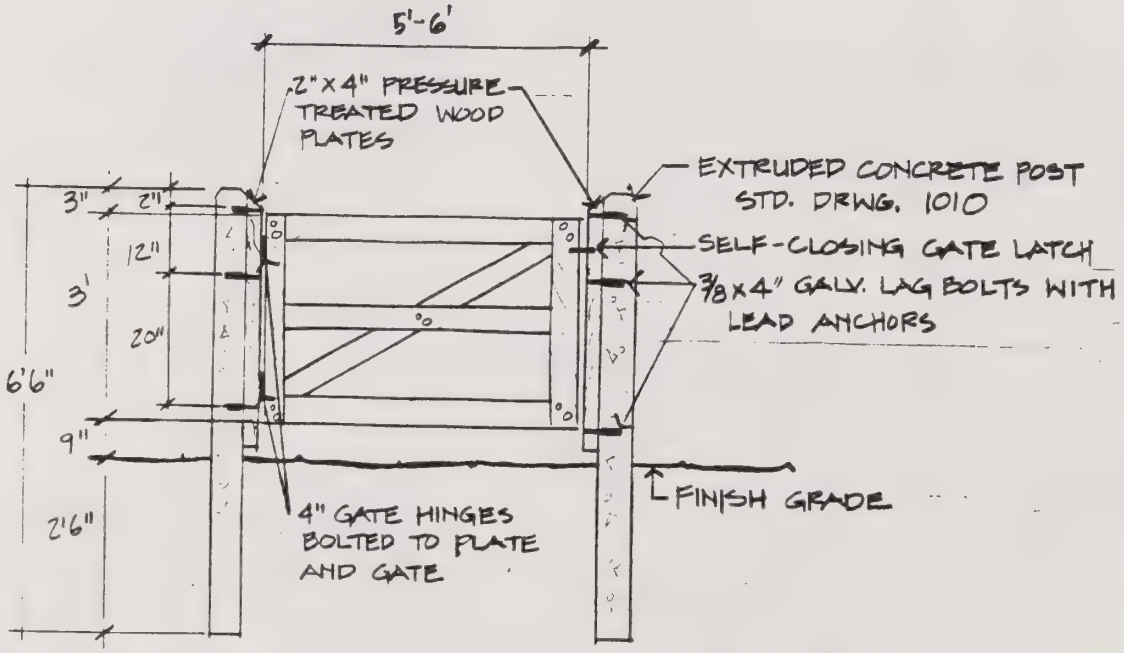
Floyd Hubbs 7-7-83 city engineer r.c.e. 23889 date	**SPLIT RAIL FENCE: LOCAL TRAIL**	**1011**

city of rancho cucamonga

STANDARD DRAWING



PLAN

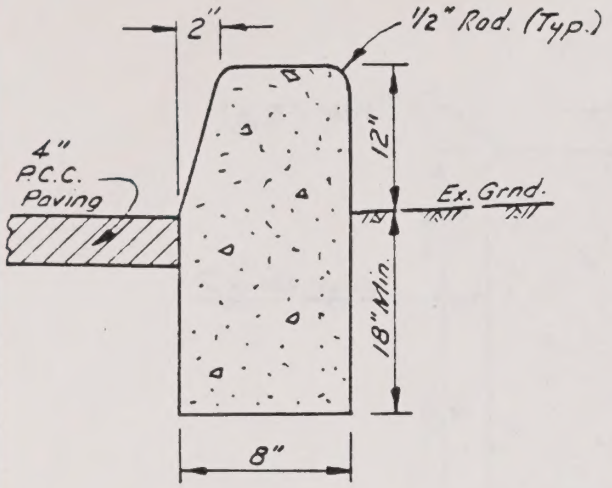


SECTION

NOTES:

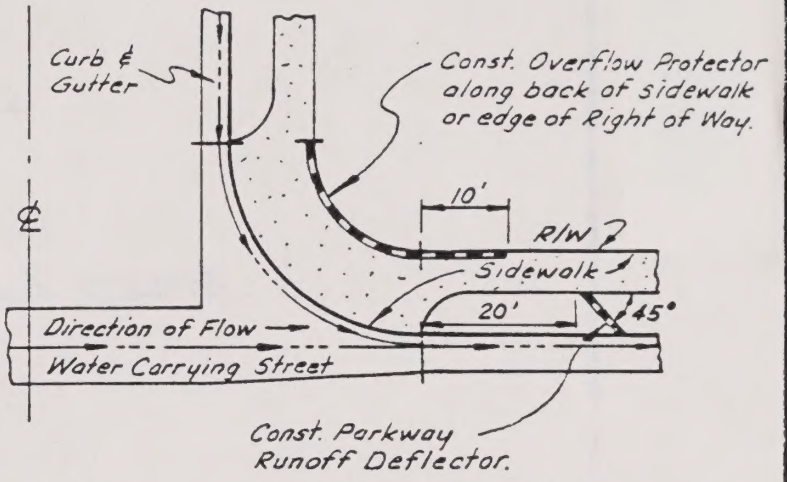
1. GATE MEMBERS SHALL BE 1"X4" PRESSURE TREATED WOOD PAINTED WHITE.
2. MEMBERS SHALL BE ATTACHED WITH 3/8" GALV. BOLTS.
3. HINGES SHALL BE ATTACHED TO PLATE PRIOR TO ATTACHING PLATE TO CONCRETE. COUNTERSINK BOLTS SO THAT PLATE IS FLUSH WITH POST.

city engineer r.c.e. 23889 7-7-83 date	**GATE:** **COMMUNITY INTERIOR TRAILS**	**1012**

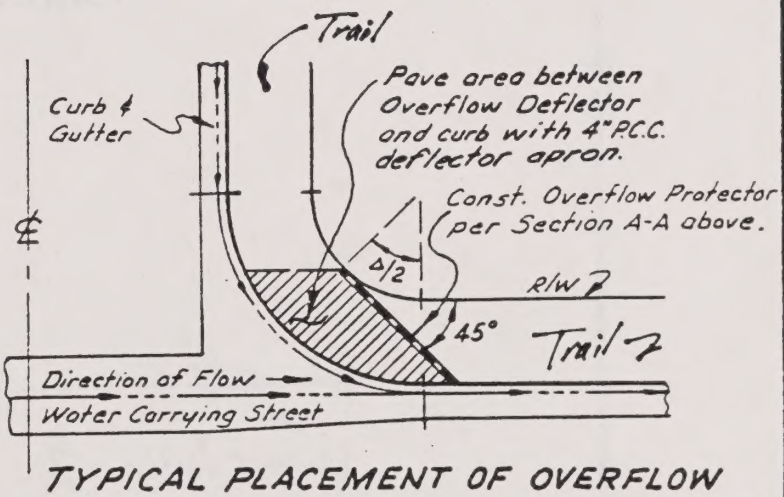


SECTION A-A

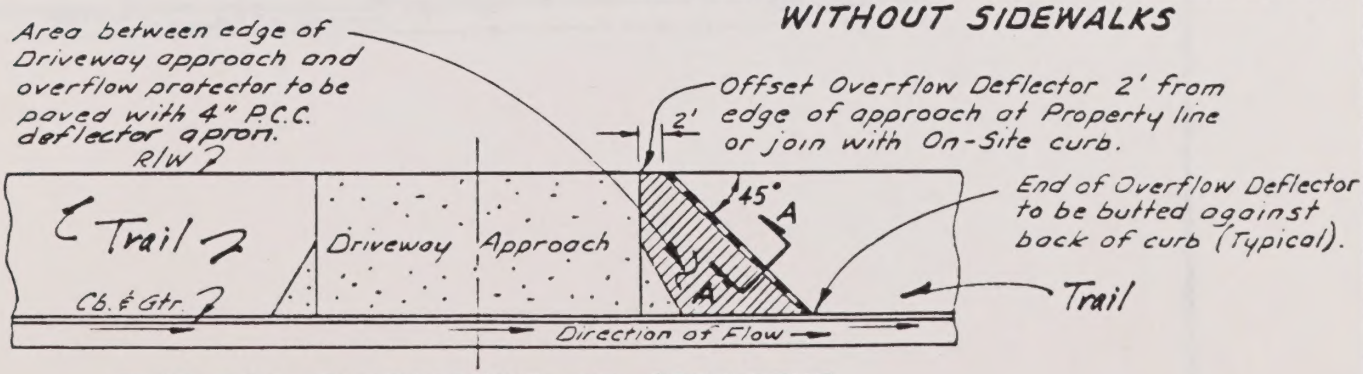
CONC. STREET OVERFLOW DEFLECTOR



TYPICAL PLACEMENT OF OVERFLOW DEFLECTOR AT STREET INTERSECTION WITH SIDEWALKS



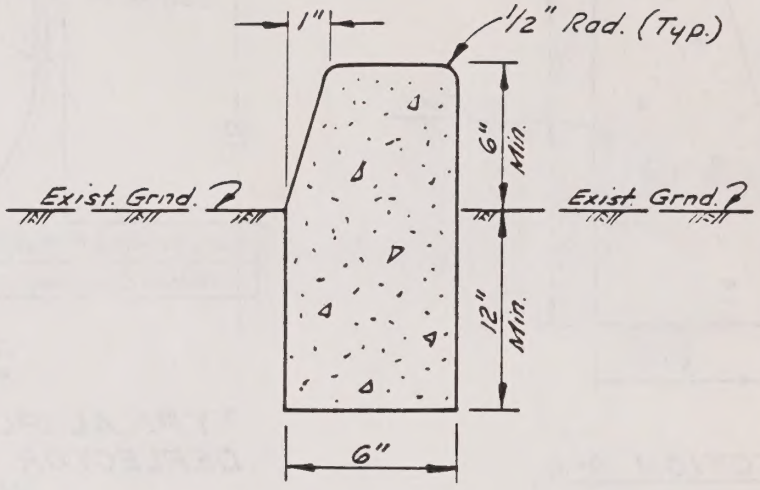
TYPICAL PLACEMENT OF OVERFLOW DEFLECTOR AT STREET INTERSECTION WITHOUT SIDEWALKS



TYPICAL PLACEMENT OF CONCRETE STREET OVERFLOW DEFLECTOR AT DRIVEWAY APPROACH

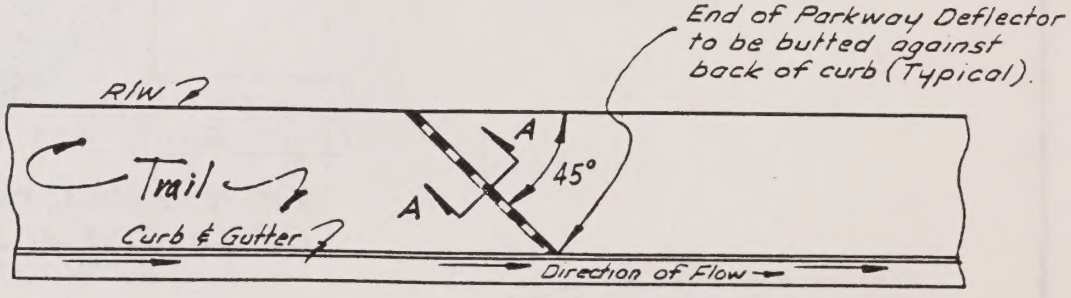
Lloyd Walker 7-7-83
city engineer r.c.e. 23889 date

CONCRETE STREET OVERFLOW DEFLECTOR



SECTION A-A

PARKWAY RUNOFF DEFLECTOR



Floyd Hubbly 7-7-83
city engineer r.c.e. 23889 date

PARKWAY RUNOFF DEFLECTOR